Spanish Journal of Innovation and INTEGRITY
ISSN: 2792-8268
Volume: 42, May-2025
http://sjii.indexedresearch.org

THE ECONOMICS OF STREAMING: FINANCIAL CHALLENGES AND OPPORTUNITIES FOR INDEPENDENT MUSICIANS

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Abstract: *Independent musicians in the streaming era face a paradox of unprecedented global access and persistent financial precarity. This qualitative study investigates how independent artists from different countries navigate the economics of music streaming, focusing on income instability, platform dynamics, peer comparisons, and alternative monetization strategies. Semi-structured interviews with 15 independent musicians (from North America, Europe, Africa, Asia, and Latin America) were analyzed using reflexive thematic analysis. Findings reveal that streaming services like Spotify and Apple Music provide exposure but yield meager and unpredictable income, forcing musicians to diversify revenue streams and contend with behavioral biases and platform pressures. Key themes include Financial Instability, Platform Dependence, Peer Comparison Pressure, Alternative Strategies, Creative Autonomy, and Fan Engagement. Musicians reported feelings of uncertainty, frustration with fractions-of-a-cent payouts, and pressure to emulate peers' successes, yet also demonstrated resilience through entrepreneurial approaches and direct fan relationships. Grounding the discussion in behavioral economics (e.g., prospect theory, mental accounting) and media studies (political economy of platforms), this paper highlights both the challenges (income volatility, dependence on corporate platforms) and opportunities (global reach, community support) that define independent musical careers in the streaming-dominated economy. The study concludes with implications for more equitable streaming models and strategies for artists to attain sustainability.*

Keywords: *independent musicians, streaming, income instability, behavioral economics, media platforms, thematic analysis, music industry*

INTRODUCTION

The rise of digital streaming has transformed how music is consumed and monetized worldwide. Streaming is now the dominant mode of music distribution, with services like Spotify and Apple Music collectively accounting for the majority of recorded music revenues. In 2020, streaming comprised over 60% of global music industry revenue and continues to grow rapidly. However, this growth has sparked concerns about fair compensation for artists. Reports of musicians earning only fractions of a cent per stream have raised serious questions about the sustainability of music careers in the streaming era. Many independent musicians – those not backed by major labels – find it especially challenging to earn a living wage from streaming, given their lack of bargaining power and scale.

Independent artists typically rely on long tail consumption and niche fan bases, yet the streaming economy is often winner-take-all. A small percentage of top superstars capture a disproportionate share of streams and payouts, while the vast majority of artists receive negligible income. As a result, income precarity among independent musicians has intensified. Interviewees in this study echoed industry commentators in describing streaming royalties as volatile "pocket change" rather than a stable income source. The global COVID-19 pandemic further highlighted this instability by disrupting live performances that many independents depended on to supplement streaming revenue.

From a behavioral economics perspective, such financial uncertainty and uneven rewards can powerfully influence decision-making. According to Kahneman and Tversky's prospect theory, individuals facing risky, low-odds gains (like streaming royalties) may exhibit loss aversion and inconsistent choices. Indeed, artists' financial behaviors are often driven by cognitive biases, emotions, and heuristics rather than purely rational calculationsfile-ppn2vfqppomlyfrndcc8zm. For example, the social proof of high stream counts might entice musicians to prioritize streaming-friendly strategies even if the monetary returns are low, reflecting a form of FOMO (fear of missing out) or herd behavior (Thaler, 2016; Kahneman & Tversky, 1979)file-ppn2vfqppomlyfrndcc8zm. At the same time, many artists experience a psychological disconnect between the personal value they assign to their music (the endowment effect) and the market's undervaluation per stream, leading to frustration and perceptions of unfairness.

Critical media studies and the political economy of communication provide another lens to understand these challenges. Scholars like McChesney (2013) argue that the internet's promise for creators has been undermined by the monopolistic tendencies of big tech platforms. The music streaming market is highly concentrated in a few corporate players (Spotify, Apple, Amazon, YouTube), raising concerns that these intermediaries extract disproportionate value and set unfavorable terms for artists. Independent musicians thus find themselves dependent on platforms whose algorithms and policies they cannot control – a dynamic that reflects broader power asymmetries in the digital economy (McChesney, 2013). This platform dependence can constrain creative autonomy and income potential, as musicians must adapt to the rules of streaming services to be discoverable (e.g. frequent releases to satisfy algorithms, or acquiescing to lower royalty rates for access).

In light of these industry and theoretical contexts, this study aims to center the voices of independent musicians navigating the streaming economy. There is a need for qualitative insights into how these artists perceive and cope with the financial challenges of streaming, and what opportunities (if any) they find to sustain their careers. Prior research has often emphasized quantitative industry data or consumer behavior, with relatively little attention to the lived experiences and strategies of the musicians themselves – especially those outside the superstar elite. By interviewing independents from diverse cultural and geographical backgrounds, this research provides a global perspective on the economics of streaming at the individual artist level. Grounded in behavioral economics and media theory, we explore how artists deal with income instability, platform reliance, peer comparison, and alternative revenue channels in the streaming era.

To guide the inquiry, we posed the following research questions:

1. How do independent musicians perceive the financial viability of music streaming platforms, and how does streaming impact their income stability?

2. In what ways do independent artists respond to or cope with the economic challenges posed by streaming (e.g. low royalties, platform policies), including the use of alternative monetization strategies?

3. How do behavioral factors (such as peer comparisons, biases in decision-making) and media platform dynamics influence independent musicians' financial choices and sense of opportunity in the streaming era?

By addressing these questions, the study seeks to contribute to a nuanced understanding of independent musicians' economic realities in the age of streaming. It also aims to inform debates on how streaming models might be improved or supplemented to better support the creative labor that fuels digital music platforms.

METHOD

Research Design and Participants

A qualitative research design was adopted to deeply explore independent musicians' experiences with streaming economics. Given the exploratory nature of the topic and the focus on subjective perceptions, a semi-structured interview approach was chosen. This method allows for consistent coverage of key topics across interviews while giving participants flexibility to express personal stories and insights in their own terms. A total of 15 independent musicians were recruited using purposive and snowball sampling. To achieve a global perspective, participants were drawn from eight countries across five continents: including the United States, United Kingdom, Sweden, Nigeria, South Africa, Brazil, Mexico, and India. All participants were over 21 years old (ranging from early 20s to late 30s) and actively releasing music on streaming platforms without major label support. They represented a mix of genres (indie rock, hip-hop, folk, electronic, etc.) and career stages (from emerging artists to those with over a decade of experience), providing diversity in context.

For confidentiality, each musician was assigned a pseudonym or participant code (P1 through P15). Table 1 (not shown) summarizes their key demographics. For example, the sample included P3 (USA, age 27, hip-hop artist) who is an unsigned SoundCloud rapper, P7 (India, age 30, classical fusion musician) who distributes music via YouTube and Spotify, and P12 (South Africa, age 35, jazz bassist) who performs locally and streams recordings. Such variation enabled exploration of common themes and unique differences in how independent artists manage their finances in the streaming era.

Data Collection

Interviews were conducted over a 3-month period in 2025 via video call or phone, typically lasting 60–90 minutes. An interview guide was used to ensure all relevant topics were covered, while allowing conversational flow. Key questions included: "How do you earn income from your music currently?", "What has been your experience with streaming services in terms of revenue and exposure?", "Do you feel you can make a living from streaming alone? Why or why not?", "Aside from streaming, what other ways do you monetize your music or related skills?", "How do you decide where to focus your time and resources, given the financial outcomes?", and "How does seeing other artists' streaming numbers or social media influence your feelings about your own success?" Follow-up probes addressed specific issues like payout rates, use of platforms like Bandcamp or Patreon, touring and merchandise, perceptions of fairness, and any changes in creative strategy due to financial pressures. The semi-structured format allowed participants to bring up additional topics; for instance, several interviewees discussed the impact of the COVID-19 pandemic, mental health aspects of financial stress, and their hopes or fears for the future of music distribution.

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All interviews were recorded (with consent) and transcribed verbatim. The interviewer also took reflexive notes during and after each session to capture observations about tone, notable emotions, or context that might not be evident from transcript text alone. Participants were assured of anonymity and that they could decline to answer any question or withdraw at any time. This was important given the potentially sensitive nature of discussing personal finances and frustrations with industry gatekeepers. In practice, the musicians spoke candidly and often passionately about their experiences, perhaps motivated by a desire to have their perspective heard in an industry discourse that often centers on superstar narratives.

Data Analysis

The interview data were analyzed using thematic analysis following the six-phase framework articulated by Braun and Clarke (2006)file-ppn2vfqppomlyfrndcc8zm. This approach was chosen for its flexibility and suitability in identifying patterned responses or themes within qualitative data. The analysis proceeded as follows: First, transcripts were read and re-read for familiarization, during which initial thoughts were noted. Next, a systematic coding was conducted where segments of text were labeled with descriptive codes (e.g., "unpredictable streaming income", "comparing metrics", "live shows vs streaming tradeoff"). These initial codes were then examined for patterns and collated into potential themes (third phase). For example, codes related to low payouts, inconsistent earnings, and financial stress grouped into a candidate theme of "Financial Instability." In the fourth phase, themes were reviewed against the data to ensure they accurately captured important facets and that there was coherent internal consistency within each theme. Some themes were refined or merged at this stage; for instance, "Platform Policies" and "Algorithm Worries" were merged under a broader "Platform Dependence" theme. In the fifth phase, themes were defined and named with attention to how they relate to the research questions and to theoretical constructs. The final themes, as presented in the Findings, are:

(1) Financial Instability,

(2) Platform Dependence,

(3) Peer Comparisons and Psychological Pressures,

(4) Alternative Monetization Strategies,

(5) Creative Autonomy vs Commercial Expectations,

(6) Fan Engagement and Community.

Finally, in the sixth phase, this report was produced, weaving together compelling examples from the interviews (with representative quotations) and interpretative analysis grounded in relevant literature.

Throughout analysis, measures were taken to enhance credibility. Triangulation was achieved by comparing participant narratives with secondary data (industry reports, academic studies) for convergence or divergence. Member checking was done informally by sharing a summary of preliminary findings with a few participants to confirm whether the interpretations resonated with their experiences (resulting in minor clarifications). The researchers also engaged in reflexive discussion to bracket personal biases (for instance, one researcher is a part-time musician, which was acknowledged and reflected upon to avoid undue projection onto the data). These steps helped ensure that the identified themes faithfully represent the participants' perspectives and are grounded in the data.

RESULTS AND DISCUSSION

The analysis yielded a set of core themes that together illustrate the financial challenges and adaptive strategies of independent musicians in the streaming era. The results are presented as an integrated *Findings and Discussion* to contextualize each theme within broader theoretical and industry discourse.

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Pseudonyms (or participant codes) and some identifying details have been altered to protect anonymity, but contextual markers (e.g., country, genre) are included where relevant to show the global scope. We begin with an overview of the income streams these musicians utilize (Figure 1), before delving into the thematic findings. Each theme is discussed with supporting quotations from interviews and connections to existing literature in cultural economics, behavioral economics, and media studies.

Figure 1. Number of interviewed Musicians Earning Income from Each Source.

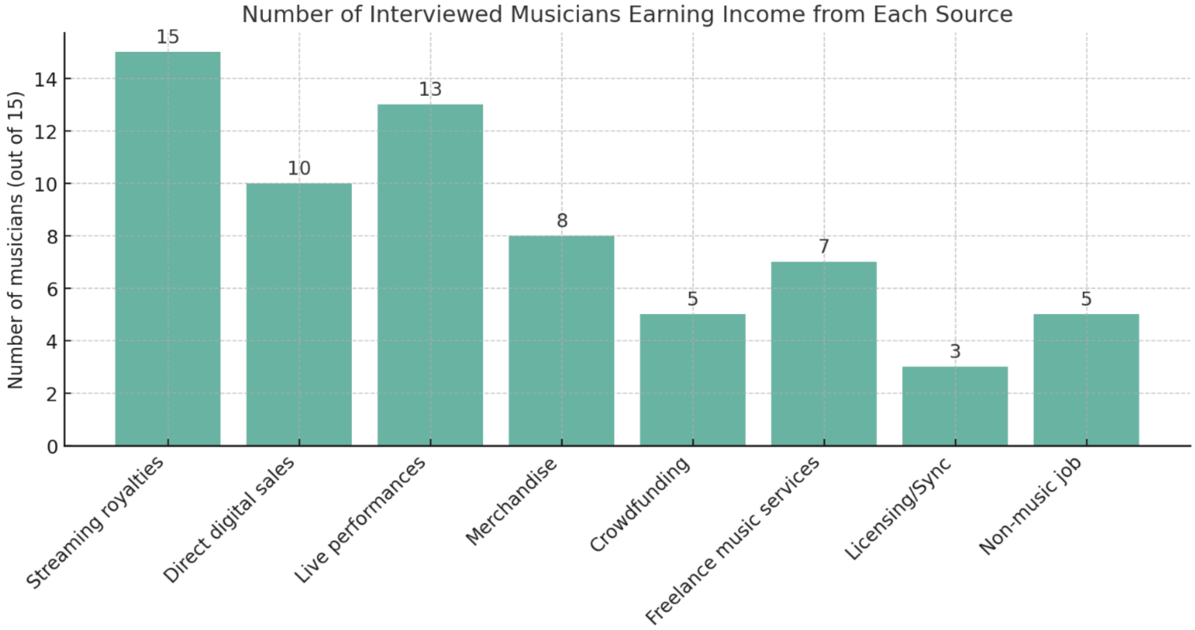

Figure 1. Types of income streams among independent musicians interviewed (N = 15). All interviewed artists earned some income from streaming royalties (typically via Spotify, Apple Music, etc.), but none could rely on streaming as a sole source of livelihood. The vast majority (13 of 15) performed live concerts or gigs, which often represented a significant portion of their earnings. A large subset also engaged in direct digital sales of music (e.g., selling albums on Bandcamp or iTunes) to supplement the tiny royalties from streams. Merchandise sales (such as T-shirts, vinyl, etc.) provided additional income for over half of the participants, usually tied to live shows or online fanbase. A few musicians (5) leveraged crowdfunding or fan patronage (e.g., Patreon campaigns or Kickstarter projects) to support releases or ongoing work. About half (7) offered freelance music services like teaching music lessons, freelance production, or session work for other artists – effectively using their skills beyond their own artistry to earn money.

A minority (3) had success with licensing/sync deals (placing their music in film, TV, or advertisements) yielding occasional windfalls. Notably, one-third (5) maintained a non-music day job (or side gig unrelated to music) to make ends meet, underscoring that external income is sometimes necessary. As Figure 1 illustrates, independent musicians typically patch together multiple income streams to sustain themselves, with streaming forming just one piece of a larger puzzle. Every interviewee in this study distributed their music on major streaming platforms and received royalty payments; however, they universally described those payments as very small – "not even enough to buy groceries," as P11 (Canada) put it. Live performance was a common and often more lucrative revenue source, corroborating industry observations that live concerts remain vital for artists in the streaming age. Participants also pursue other music-related activities (merchandising, teaching, session work) and, in some cases, non-music work to cope with the shortfall from streaming. This finding aligns with prior research showing that independent artists must adopt entrepreneurial, portfolio careers to survive (Haynes & Marshall, 2018b). They become, in effect, "reluctant entrepreneurs" – compelled to manage not just artistic creation but an array of business activities, an identity that many find uncomfortable or at odds with their self-conception as musicians (Haynes & Marshall, 2018b).

One British indie rock artist in our study joked, "I feel like 80% entrepreneur, 20% musician these days," reflecting the substantial time spent on promotion, sales, and side gigs. In the following sections, we unpack the qualitative dimensions of this economic juggling act through six interrelated themes. Financial Instability: "It's So Random and Unpredictable" The most pervasive theme was financial instability. Independent musicians experience their income streams – especially streaming royalties – as highly volatile and insufficient, leading to constant economic uncertainty. All 15 participants emphasized the unpredictability of their earnings month to month. Streaming payouts can fluctuate for reasons beyond the artist's control (changes in algorithmic playlisting, viral spikes, or simply the delay between streams and payouts). "One month I got $50 from Spotify, the next month $12. I have no idea why," said Lena (P2, Sweden), a pop singer, highlighting the opaque and erratic nature of streaming income. Such income variability makes financial planning nearly impossible.

P2 explained that she couldn't forecast her music income: "It's so random and unpredictable that I treat whatever comes from streaming as a bonus – I can't even budget with it." This resonates with the concept of income precarity documented among independent artists. Watson et al. (2022), for example, describe independent musicians as facing "high levels of income precarity," caught in a cycle where stable earnings are elusive and careers may be unsustainable without outside support. A major contributor to this instability is the minuscule per-stream royalty rate. On Spotify, payouts average around $0.003–$0.005 per stream, meaning even thousands of streams yield only a few dollars. Several interviewees brought up well-known cases to illustrate this harsh math. For instance, P8 (USA), an R&B singer, referenced the oft-cited example of Lady Gaga reportedly earning only $167 from over one million Spotify streams of her hit single in the late 2000s. "If even Lady Gaga got a couple hundred bucks for a million plays, what do you think I get?" P8 asked wryly. Indeed, our participants with moderate streaming numbers (tens or hundreds of thousands of streams) reported streaming income that was "nowhere near enough" to cover basic living expenses. One artist's royalty statement showed about $12,000 for 2.25 million Spotify streams (from an independent album release) – a non-trivial sum, but effectively only a few thousand dollars per year once split among band members and after distribution fees. This aligns with industry analyses suggesting that the majority of artists on streaming platforms earn "poverty-level" royalties, while a tiny top tier earns exponentially more. In economic terms, the variance in streaming outcomes is enormous, and most independents fall on the very low end of the long-tail distribution. Because streaming revenue alone is inadequate and irregular, participants described living with a sense of financial anxiety. Many juggled day jobs or gig work; those who tried to focus full-time on music often relied on savings, spousal support, or periodic windfalls (like a big sync license or a crowdfunding success) to get by. P5 (Nigeria), an Afrobeat musician, recounted periods of extreme income drought: "After my EP dropped, I saw a little bump from Apple Music for a couple months, but then it dried up.

There were times I didn't know if I could pay rent, because my gig got canceled too. It's feast or famine." The phrase "feast or famine" or "boom and bust" was echoed by others, capturing the erratic flow of money. Behavioral economics suggests that such uncertainty can lead to mental accounting adaptations (Thaler, 1999) – for example, treating streaming income as a separate "account" that one doesn't rely on for necessities. We observed this in participants' budgeting strategies. Several mentioned they only use streaming income for reinvestment in music (recording, equipment) or treat it as "bonus pocket money", while relying on steadier sources (like a part-time job or teaching) for bills. This kind of mental segregation is a coping mechanism to handle an income source that is perceived as windfall-like (small and unpredictable). The inadequacy of streaming payouts also engenders feelings of frustration and perceived unfairness. Many artists feel that the value of their work is not reflected in their compensation – a sentiment that ties to notions of equity and fairness in behavioral economics. Ramesh (P9, India), a classical instrumentalist, expressed this poignantly: "I spent two years perfecting that album, and Spotify paid me less than $100 for it. It's disheartening. It makes you question if your music has value, or if the system is just rigged." Such feelings of injustice are common. They echo the broader industry debate where stakeholders argue the current pro-rata model of streaming royalties is fundamentally unfair to most creators. In our conversations, artists often conflated "the system" with the platforms themselves, blaming Spotify or YouTube for low payments (even though labels and rights holders also determine payouts). This aligns with what Hesmondhalgh (2021) observed: a focus on the 'per-stream' rate as a symbol of unfair reward, even if the reality is more complex. Hesmondhalgh suggests that while more musicians may be earning something from recordings now than before, the inequalities and "generally poor working conditions" remain essentially unchanged. Our findings on financial instability strongly reinforce that perspective – independent musicians largely experience streaming as a continuation of precarious labor with very limited gains. In summary, Financial Instability is a defining challenge: streaming provides income that is small, variable, and unreliable, necessitating continual juggling of other work and creating stress.

This theme sets the stage for the subsequent themes, as many of the behaviors and attitudes discussed (platform strategies, comparisons, etc.) are rooted in this basic economic insecurity. As P14 (UK) summarized, "You can't predict or depend on streaming money at all. It's like chasing a gold rush that isn't there – so you end up finding other ways to survive." This quote foreshadows both the platform dynamics that make streaming a tricky "gold rush" and the alternative strategies artists pursue, which we discuss next. Platform Dependence: Navigating the Rules of Streaming Services The second major theme is Platform Dependence, referring to the reliance on and subjection to streaming platforms and their rules. Independent artists feel that their fortunes are tied to the opaque ecosystems of Spotify, Apple Music, YouTube, and similar platforms. While these services offer global distribution and exposure, they also act as powerful intermediaries that dictate access to audiences and revenue. Interviewees described a love-hate relationship with streaming platforms: appreciative of the access and analytic insights they provide, yet wary of the power imbalance and lack of transparency in how the platforms operate. A recurring subtheme was the sense of being at the mercy of algorithms and playlists. Many participants acknowledged that success on streaming is heavily contingent on algorithmic recommendation systems (like Spotify's personalized playlists, e.g., Discover Weekly, or editorial playlists). "It's all about the playlist game," said Andre (P1, USA), a hip-hop artist. "If you land on a good Spotify playlist, your streams explode and you actually see some money. If not, you're basically invisible." This has led musicians to strategize specifically around platform algorithms – for instance, writing shorter songs (to increase the likelihood of repeat plays or not being skipped), releasing singles more frequently (to appease Spotify's preference for regular content), or timing releases on Fridays to align with industry norms. Such strategic adaptations highlight how platform design influences creative and business decisions, effectively making artists dependent on platform favor for discovery. However, the algorithms are seen as a black box. Several artists expressed frustration at the lack of clarity on how to get playlisted or how the recommendation engine works. P1 described it as “throwing darts in the dark”. This opacity breeds a feeling of powerlessness: “Spotify holds the keys. One tweak in their algorithm and my play count can drop overnight, and I have no control over it,” lamented P10 (Kenya), an independent pop artist. Her comment reflects the uncertainty of relying on a third-party platform that can change policies or algorithms at any time – a risk inherent in platform dependence. Indeed, a sudden drop in streams (and thus royalties) after an algorithm change was reported by a few interviewees. P10 recalled a period when one of her tracks was doing well via algorithmic radio, then an update to the system seemingly caused the track to stop being recommended: “My monthly listeners fell by half, and I didn’t do anything differently. It was terrifying because I realized I had built that momentum on something I couldn’t predict or influence.” Participants also highlighted the payout structures of streaming services as a concern tied to platform dependence.

The prevalent “pro-rata” model pools all subscriber revenue and pays out based on overall stream sharepapers.ssrn.com. This system tends to favor tracks with mass streams (often major label hits), arguably disadvantaging niche independent artists. A few musicians were aware of debates about alternative payout models, such as “user-centric” payment, where each listener’s subscription fee is divided only among the artists they listen to. P15 (France), an electronic music producer, mentioned, “I’ve read about the user-centric idea. It sounds fairer – like I would get the actual share of my fans’ fees. But Spotify hasn’t implemented that.” This shows that some independents are attuned to industry discussions on reforming streaming economics (as in Jensen, 2024, who systematically evaluates such alternative payment systems). Indeed, industry stakeholders and artist unions have critiqued the current model’s unfairness and lobbied for user-centric or hybrid models. The fact that independent artists in our study brought this up unprompted indicates how integral platform payment policies are to their economic lives – and how disempowered they feel in influencing those policies. Another aspect of platform dependence is the revenue split and intermediaries.

While our interview questions focused on streaming, some artists noted that even the small streaming revenue they get is often split further – a portion to distributors or labels (if they have a deal), publishers (for songwriters), etc. For truly independent self-releasing artists, the cut taken by digital distributors (like DistroKid, Tunecore, etc.) is usually modest (a flat fee or small percentage), but for those in indie label arrangements, the label might take a significant cut of streaming income. P4 (UK), who is signed to a small independent label, said: “I see the statements. Spotify paid X amount, but by the time it gets to me it’s X minus everyone’s cut. I end up with maybe 30% of what the song earned.” This adds another layer to platform dependence: artists not only depend on the platform to generate revenue, but also depend on other stakeholders to pass on a fair share. That said, a few participants chose to remain fully independent (no label) partly to retain full revenue from streaming, even if it’s small. “If I ever blow up, at least I won’t owe a label half my Spotify money,” laughed P8, acknowledging the slim odds of “blowing up” but the appeal of owning one’s rights. Platform policies beyond payouts also affect artists. Several interviewees mentioned feeling pressured to maintain an active presence on streaming and associated platforms (Spotify for Artists profiles, Canvas videos, etc.) and social media, because engagement on those platforms can indirectly boost streaming through follower counts and algorithm signals. This blends into the fan engagement theme (discussed later), but it underscores how the attention economy of platforms dictates artist behavior. P13 (Brazil) noted, “If I don’t release something new every 4-6 weeks, the Spotify algorithm seems to forget me. It’s like feeding a beast; you have to keep giving it

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content." This points to a concern that the creative cycle is being shortened by platform algorithms – a complaint echoed in thinkpieces about how streaming incentivizes quantity over quality or at least frequent output. Such pressures can impinge on creative autonomy, which we will explore as a separate theme.

Despite these issues, artists also acknowledged that opportunities stem from platforms. The global reach of Spotify or YouTube was something they valued. For instance, P7 (India) said, "My music is on Spotify in Europe and the US, places I've never been. Without it, I'd never have listeners in those countries." In fact, a few participants credited streaming with helping them build an international fanbase that later enabled touring or selling merch abroad. This hints at an opportunity: streaming as marketing. One could view streaming revenue as the tip of the iceberg, with potential to earn more from listeners through other means (concerts, direct sales) once the platform has delivered the exposure. This idea aligns with studies suggesting a complementary relationship between streaming and live income – for example, research by Watson et al. (2022) found a positive correlation between an artist's streaming followers and their live music royalties. In our data, artists like P7 and P13 experienced increased ticket sales or crowdfunding support in areas where their streaming numbers were growing. Thus, while they are dependent on platforms, they also attempt to leverage those platforms' reach to funnel listeners into more monetizable channels. This dynamic is a double-edged sword of platform dependence: exposure versus exploitation. In conclusion, Platform Dependence captures how independent musicians must operate within the systems set by streaming services. They adapt to algorithms, yearn for transparency and fairness in payout models, and sometimes feel like powerless participants in a game rigged towards bigger players. Yet, they also recognize that these very platforms are essential for reaching audiences in the modern era. This theme highlights the structural challenges at the heart of the streaming economy – challenges that some artists try to mitigate by seeking alternative strategies outside the dominant platforms, which is the focus of the next theme. Peer Comparisons and Psychological Pressures: "Swimming in a Sea of Numbers" The social and psychological dimension of independent music careers emerged in a theme around Peer Comparisons and Metrics Pressure.

The streaming era, with its real-time dashboards of play counts, followers, and trending charts, has made music success highly quantifiable – and publicly so. Independent musicians often find themselves comparing their metrics (streams, monthly listeners, social media followers) with those of peers, which can influence their emotions and decisions in significant ways. Virtually all participants admitted to monitoring their streaming statistics regularly, and many confessed that they can't help but benchmark themselves against other artists. "It's like an obsession – every morning I check how many plays I got and how I rank vs my friends' bands," said P6 (Germany). This behavior speaks to a kind of gamification of artistic output: streaming platforms provide feedback loops that can be as addictive and anxiety-provoking as social media "likes." For independent artists, these numbers carry high stakes – they are proxies for income (more streams generally mean more money) as well as for artistic validation and career progress. P6's candid admission continued: "When I see a peer hit 100k listeners and I'm at 10k, I start questioning what I'm doing wrong." Such peer comparisons can lead to feelings of inadequacy and even alter artistic choices, a phenomenon that can be framed in terms of social comparison theory (Festinger, 1954). People derive self-esteem in part by comparing themselves to others; for musicians, streaming metrics provide a constant, quantifiable basis for comparison.

Several interviewees described instances of envy or discouragement upon seeing the streaming achievements of artists similar to them. Amina (P11, Canada), a folk singer-songwriter, shared: "There's this other singer I came up with – we played the same small venues. She's blown up on Spotify now with millions of streams, and I'm happy for her, but I also wonder, why not me? What does she have (or do) that I don't?" This kind of rumination highlights the psychological pressure that transparent metrics create. In the past, an artist might not know exactly how well a peer's album sold unless they were very successful. Now, one can often see play counts on Spotify or view counts on YouTube for any artist. The visibility of success (or lack thereof) can intensify competitive feelings and lead to what one might call "metric anxiety." The interviews indicated that peer comparisons sometimes drive behavioral changes. Artists might try to emulate what appears to be working for others. For example, P11 admitted that after seeing her peer's success, she reconsidered her own release strategy: "She was dropping singles every month and got on playlists. I was more of an album-every-few-years person. Now I'm thinking I should switch to singles too, because clearly that's working for her." This is a direct example of peer influence shaping strategy – essentially a form of social proof heuristic where if a peer's approach leads to visible success, others adopt it, assuming it's the correct approachfile-ppn2vfqppomlyfrndcc8zm. In behavioral economics terms, it's akin to herd behavior or following a perceived successful trend, even if one's personal artistic inclination might differ. The danger, as some participants reflected, is that chasing someone else's formula might not yield the same results and could compromise one's unique artistic identity. P11 tempered her statement by adding she's torn, because "releasing songs constantly might burn me out or lower the quality, but it feels like if I don't, I'm falling behind." Another facet of this theme is mental health and emotional well-being.

Constant comparisons and the pressure to achieve numerical milestones (like a certain number of streams or followers) took a toll on some interviewees. A couple of artists spoke about the depressive feelings that arise from poor metrics. P14 (UK), who is also active on social media, described the combined effect of Instagram and Spotify metrics on her psyche: "It's a headtrip. One week my Instagram post is getting thousands of likes and my Spotify plays are up – I feel on top of the world. The next week everything's down and I feel irrelevant. It's like I'm a stock price going up and down." Her analogy of feeling like a volatile stock price is telling. It suggests a loss of stable self-worth, replaced by the volatile external validation from metrics. Such emotional swings were commonly hinted at by others too. This aligns with recent concerns in the industry about the mental health of musicians in the digital age, where constant self-promotion and metric tracking can lead to anxiety and depression (Gross & Musgrave, 2020; though we did not directly interview on mental health, participants volunteered these feelings). The pandemic context (2020–2021) intensified some of these comparisons, as musicians saw peers adapt in different ways (like live streaming concerts, Patreon launches, etc.). P13 (Brazil) recounted feeling pressure to start a Patreon because other artists did so successfully when gigs were canceled: "I saw artists making a living on Patreon when live shows stopped. I felt stupid for not doing the same. I eventually tried it, but it didn't take off for me like it did for them, and that made me feel even worse." This experience underscores how attempts to follow peers can sometimes fail, leading to a double disappointment (the lost effort and the hit to one's self-esteem).

Behavioral economics might interpret this through the lens of optimism bias – overestimating one's own likely success by observing a successful peer – and subsequent frustration when the outcome is less rosy. Interestingly, a few artists have developed coping strategies to mitigate the negative effects of peer comparisons. One strategy is digital detox or avoidance: P6 mentioned he sometimes deliberately avoids looking at Spotify for Artists stats for weeks at a time to focus on making music, comparing it to "not checking the stock market during a crash." Another strategy is reframing success in qualitative terms. P7

(India) shared that she tries to focus on fan feedback rather than numbers: "I read the messages people send me about how a song affected them. That means more to me now than the play count, otherwise I'll go crazy." This kind of refocusing on personal artistic fulfillment or fan connection can be seen as a rational response to an environment of information overload – choosing more meaningful metrics for oneself to avoid the trap of endless numerical comparison. In essence, some artists cultivate a form of satisficing (accepting "good enough" outcomes) to protect their mental well-being, rather than constantly maximizing numbers, which aligns with bounded rationality principles. From a theoretical standpoint, the Peer Comparisons theme highlights how streaming's quantification and transparency introduce behavioral incentives and pressures beyond pure financial considerations. It touches on psychological biases (envy, FOMO, overemphasis on readily available numeric cues) that can drive behavior as much as – or more than – rational economic calculus.

Thaler's work on behavioral economics emphasizes that people's satisfaction is often reference-dependent; in our context, the reference points become the visible successes of peers, which can shift an artist's perceived utility of their own outcomesfile-ppn2vfqppomlyfrndcc8zm. For independent musicians, managing these psychological pressures is now part of managing their career. The theme also suggests that industry support mechanisms (like mental health services, education on interpreting metrics) could be beneficial, a point we revisit in the conclusion. In sum, Peer Comparisons and Psychological Pressures form a significant undercurrent in independent musicians' economic life. The "sea of numbers" they swim in can motivate them to improve and adapt, but can also lead to stress, imitation of others, and feelings of inadequacy. This theme connects with financial challenges (since low earnings often become apparent via low metrics) and also influences the pursuit of the opportunities we discuss next: many alternative strategies arise either in emulation of peers' successes or as a counter-response to the emotional toll of chasing streaming metrics. Alternative Monetization Strategies: Diversifying Beyond Streaming Confronted with the twin challenges of low streaming payouts and metric-driven pressures, independent musicians are actively exploring alternative monetization strategies. This theme covers the various ways artists seek to reduce their dependence on mainstream streaming and generate income through other channels – often leveraging direct fan support or unique sales models. As shown in Figure 1 and discussed earlier, our participants engage in a mix of revenue streams. Here we delve deeper into the strategies they view as most promising or necessary, and how these alternatives complement or conflict with the streaming ecosystem.

A primary alternative path is focusing on live performances and touring. This is a traditional income source for musicians, but in the streaming era its role has become even more crucial. All but two participants in our study performed live, and many emphasized that concerts and tours are where they make the "real money." For example, P4 (UK), the indie label-signed artist, explained that a single moderately successful tour can outweigh his entire year of streaming income: "The tour I did in 2019 – 20 shows around the UK – basically paid my bills for the next six months. Streaming over the whole year maybe equaled one or two shows' worth of pay." This economic reality aligns with industry data that live music has become a dominant income source in the digital age. Moreover, streaming can act as a marketing funnel for live shows. P4 noted that his healthy listener base on Spotify in certain cities helped him plan tours to those areas, confirming research that streaming popularity correlates with live attendance. However, live performance income is itself unpredictable (shows can be rained out, tours carry costs) and physically taxing. Some artists, like P12 (South Africa), who has a young family, cannot constantly tour. Thus, while live gigs are a key strategy, they are not a panacea and were severely disrupted during pandemic lockdowns, which prompted musicians to seek other alternatives. Another increasingly popular strategy is utilizing alternative platforms and direct-to-fan sales. Many independents turn to services like Bandcamp, which allow artists to sell digital downloads, vinyl, and merchandise directly to fans, typically with a much larger revenue share going to the artist (Bandcamp takes about 10-15%, vs streaming platforms that pay out ~70% to rights holders which then trickles down). Participants praised Bandcamp for its artist-friendly model. “Bandcamp is great – if someone buys my album for $10 there, I actually get about $8 of it, which feels fair,” said P13 (Brazil). Several artists mentioned Bandcamp Fridays (where the platform temporarily waives its fee) as days where they saw spikes in income due to fan support campaigns. However, they also noted that Bandcamp’s audience, while passionate, is relatively niche compared to the massive user base of Spotify.

This reflects a known dynamic: alternative platforms can offer fairer compensation but have smaller reach. Interestingly, recent research by Pilati et al. (2024) found that even on Bandcamp, significant inequalities persist – a small percentage of artists earn most of the revenue, and many others sell very little. Our participants were somewhat aware of this; P13 remarked, “Even on Bandcamp I’m not selling a ton; it’s just that when I do sell, I get more per sale.” Thus, Bandcamp and similar direct sales platforms are a valuable piece of the puzzle, but success there still depends on having a dedicated fanbase willing to pay. Merchandise (t-shirts, posters, special edition physical releases) is another income avenue, often tied to live events or Bandcamp sales. P2 (Sweden) shared that she earned more profit from selling band T-shirts at a 50-person show than from that show’s ticket revenue: “The gig paid me $100, but I sold 20 shirts at $20 each – that’s $400, minus cost it’s still a good margin.” This example shows how merchandise can amplify the financial yield of fan interactions. Many musicians thus invest effort in designing appealing merch or limited-edition items (like autographed vinyl) to entice fans. These strategies bank on the idea of superfans who are willing to pay for collectibles or to support the artist beyond just listening. It’s an application of the “1,000 true fans” theory in the music context – a smaller number of devoted supporters can financially sustain an artist if each contributes more than the fractions of a penny that streaming provides. Our interviewees like P2 view merch and direct sales as ways to engage those true fans. A notable emergent strategy is building subscription or patronage models via platforms like Patreon, Ko-Fi, or even private membership clubs. About one-third of participants had experimented with crowdfunding or patronage. P13 launched a Patreon during the pandemic, offering subscribers exclusive content (demos, behind-the-scenes updates, private livestream concerts). She managed to recruit a modest patron base: “I have about 40 patrons who each give between $5 and $15 a month. It’s not huge, but that’s a baseline $300 or so I can count on, which actually beats my Spotify monthly average.” This direct fan support model represents a shift from the unpredictable, volume-based income of streaming to a more stable, relationship-based income. In essence, fans who join a Patreon are making a commitment akin to “investors in the artist.” However, maintaining a Patreon requires continuous output and engagement (much like tending to an algorithm, one must keep patrons interested with new rewards), which can be an additional labor. Some artists found it draining or not sufficiently rewarding if the patron numbers stayed low. P13 admitted that updating her Patreon felt like “a second job” at times, and if her patron count dipped, she would worry. Nonetheless, those who could cultivate even a small patron community found it a meaningful supplement. This aligns with broader media trends of the “creator economy”, where niches of fans directly fund creators (Baym, 2021).

It’s also a form of diversifying to mitigate risk – if algorithmic revenue falls, patron support might still continue steadily, and vice versa. Artists are also pursuing licensing opportunities (sync licenses for

Spanish Journal of Innovation and INTEGRITY
ISSN: 2792-8268
Volume: 42, May-2025
http://sjii.indexedresearch.org

TV, film, ads, video games). While only a few in our sample had significant success here, those who did reported it as a game-changer. P8 (USA) got a song placed in a popular Netflix series soundtrack; the upfront licensing fee and subsequent royalties far exceeded her streaming income that year. "One sync paid more than millions of streams," she noted. This is consistent with stories in the industry – a single high-profile sync can provide a financial runway for an independent artist for months or years. Accordingly, some musicians actively pitch their music to music supervisors or use platforms like Songtradr to seek licensing deals. However, sync placements are competitive and not guaranteed; they also often require having professional connections or a publisher. So while lucrative, this strategy is more of a lottery or a bonus when it happens, rather than a reliable plan (for most). Still, the hope of a big sync was mentioned by a few as something they aspire to as a "holy grail" of monetization beyond streaming. Importantly, none of these alternative strategies are pursued in isolation – they form a complementary portfolio alongside streaming.

The musicians in our study are effectively diversifying their "income portfolio" much like an investor diversifies assets. This diversification is a rational response to the risk of any one source (especially streaming) being low or volatile. It echoes the entrepreneurial behavior noted by Haynes & Marshall (2018b) – musicians must think in terms of multiple micro-revenue streams instead of one paycheck. One participant, P5 (Nigeria), summarized his approach as follows: "Spotify is for reach, Bandcamp is for core fans, YouTube gets me ad cents and maybe attracts opportunities, gigs give me lump sums, teaching music is my safety net. I need all of them, because if I lose one, I have others." This deliberate strategy shows a savvy understanding of spreading risk. From a behavioral economics angle, this could also be seen as a form of hedging against uncertainty and a way to achieve some degree of loss aversion – ensuring that a loss in one area is offset by gains in another. While alternative strategies offer hope, participants also candidly discussed their limitations. Direct fan monetization requires having a loyal fanbase in the first place – something that often depends on initial exposure from streaming or social media. In other words, one might need the scale of platforms to find the superfans to then convert on Bandcamp or Patreon. This interplay was not lost on the artists. P1 (USA) remarked, "If I wasn't on Spotify, I don't think those people in Germany would have found me and bought my tape on Bandcamp." So while some discourse frames alternatives as escaping streaming, in practice our interviewees use them in tandem with streaming. This suggests the solution isn't abandoning platforms but building independent channels on top of them.

Moreover, diversifying means extra work – time spent on merch, crowdfunding, booking shows, etc., is time away from writing music. The opportunity cost is significant, and a few artists voiced exhaustion at having to handle it all. "I wear so many hats – I sometimes wish I could just focus on music and have a team do the rest, but I can't afford that," said P8. This again underscores the "reluctant entrepreneur" idea that independence forces artists to be business people in multiple domains, not purely creators. Overall, the Alternative Monetization Strategies theme demonstrates the resourcefulness of independent musicians and the emerging behavioral shifts in how they think about making a living. Instead of relying on one patron (a label or a platform), they are cultivating many micro-patrons and revenue nodes. This democratization of revenue sources is empowering, but also fragmented and labor-intensive. It speaks to McChesney's argument about the internet: the digital era enables creators to bypass traditional gatekeepers (like major labels) and engage directly with audiences, but within a capitalist framework that still often advantages big aggregators (platforms). Artists are seizing what autonomy they can – selling directly, asking fans for support – to carve out a slightly fairer share for themselves. The next theme will delve into how these economic strategies intersect with matters of creativity and autonomy. Creative Autonomy vs Commercial Pressures: Walking the Line The fifth theme explores the tension between creative autonomy and commercial pressures that independent musicians feel in the streaming-centric landscape.

A significant insight from the interviews was that financial and platform dynamics can subtly (or overtly) influence artistic decisions – raising the question of whether artists are truly free to create what they want, or are nudged to create what the market (or algorithm) favors. At the same time, being independent (without label oversight) gives these musicians a level of creative control that they value. Thus, they often walk a fine line between making authentic art and making commercially or algorithmically viable content. Several participants reflected on how the streaming format has influenced songwriting and release patterns. "I'd be lying if I said the 3-minute pop song norm and skip rates don't cross my mind when writing," said Lena (P2, Sweden). She noted that she sometimes trims intros or avoids long instrumental breaks in her songs now, aware that on platforms like Spotify, songs that take too long to "get to the point" might be skipped – which not only loses the listener but can hurt the song's standing with the algorithm. This is a concrete example of creative choices being shaped by platform metrics. It echoes industry anecdotes where producers aim for songs to hook listeners in the first 30 seconds (since Spotify counts a stream after 30 seconds) or artists release more singles instead of albums because the platform rewards consistent engagement. P2 lamented, "When I started out, I loved writing 5-minute ballads with long intros.

Now I feel like I can't do that if I want anyone to hear it. It's sad, but I also want to survive." This highlights a loss of some creative freedom due to perceived commercial necessity – a sacrifice made in hopes of better algorithmic performance and thus financial payoff. At the same time, because they are independent, these artists do not have record label executives dictating their creative direction. Several musicians contrasted their situation with that of label-signed acts: "I can experiment more than my friends on labels, who get pressure to make a hit," said P1 (USA). "I might tailor my sound a bit for Spotify, but ultimately no one's forcing me to make a certain kind of song." This indicates that despite the algorithmic considerations, independents still feel a sense of ownership over their art. Any compromises they make are self-imposed and negotiable. If they choose to, they can buck the trend. For instance, P1 released an 8-minute experimental track knowing it wouldn't stream well, simply because he felt artistically compelled to do it – something he believed a label might not have allowed for an emerging artist. This exemplifies the autonomy facet: the freedom to take creative risks without immediate commercial approval. However, autonomy can be double-edged: with no external funding, artists sometimes feel they must pursue more commercial projects to fund their passion projects. P8 (USA) shared her strategy of alternating between "artistic" projects and "commercial" ones: "I'll do one album that's more for me, weird and artsy, then maybe an EP of catchy stuff that I know is more sync-friendly or stream-friendly, to try and generate income." She described this pragmatically, almost like cross-subsidizing her art with her own other art. This mirrors how filmmakers might do one for the studio and one for themselves. P8's approach shows an internal negotiation – using her autonomy to decide when to bend to commercial expectations and when to ignore them. It's an example of mental accounting in creative effort: separate "accounts" for money-making work and soul-fulfilling work, trying to balance the two.

The need for this approach again stems from the financial challenges; if streaming or other income were sufficient through purely artistic work, such compartmentalization wouldn't be necessary. Some participants also pointed out that platform dependence can influence content beyond music production to things like branding and interaction. The necessity to be active on social media and streaming platforms means artists are drawn into content creation that isn't music – like making TikTok videos or YouTube vlogs – to boost their visibility. P14 (UK), the pop artist who mentioned Instagram earlier, elaborated: "To keep my Spotify numbers up, I have to keep my socials up. That sometimes means doing silly trending videos. It's not why I became a musician, but it feels like part of the job now." This highlights a creep of commercial pressure into areas of personal expression and time. While not exactly a creative decision about a song, it is a decision about how to spend creative energy. Musicians now often need to be content creators in a broader sense, which can detract from music-making or force them into modes of expression they don't prefer. P14 expressed concern that this can dilute her artistic identity: "Am I a musician or an entertainer/influencer? Sometimes I worry I'm becoming the latter just to feed the algorithm." The interplay of art vs. commerce is not new in music, but the streaming era has its unique contours. In the past, an independent artist might worry about tailoring their sound for radio play or a record deal. Now the concern might be tailoring for playlist placement or viral potential. The principle is similar – trying to optimize art for an external reward – but the mechanisms are different. Importantly, several interviewees took philosophical stands on this. P7 (India) insisted she would not compromise her style for algorithms: "If my classical fusion piece is 7 minutes, so be it. The people who appreciate it will find it. I won't mutilate my art for Spotify." She acknowledged this might limit her reach but felt maintaining authenticity was key to her long-term artistic and personal satisfaction. This stance represents a conscious prioritization of creative autonomy, essentially placing a value on it that outweighs potential lost income. Such decisions can be seen as a rejection of the hyper-rational economic actor model; these artists are not purely revenue-maximizing, but balancing a complex utility function that includes artistic integrity. Interestingly, the presence of dedicated fan support (from the earlier theme) can enhance creative autonomy. Musicians noted that if they have a core of fans on Patreon or who buy every Bandcamp release, they feel freer to experiment, because those fans have proven their loyalty to the artist's vision. P13 (Brazil) said her Patreon community actually requests more experimental or behind-the-scenes content, which encourages her to be more creative and not worry about mass appeal: "My patrons are super fans – they even like my rough demos.

That gives me confidence that I don't have to please everybody, just the people who get me." In this way, the direct-to-fan model not only provides financial support but also moral support for creative risks. It's a reinforcing loop: creative autonomy nurtures uniqueness, which attracts genuine fans, whose support then financially enables further autonomy. The theme of Creative Autonomy vs Commercial Pressures thus encapsulates a dynamic negotiation. Independent musicians enjoy freedom from corporate oversight, but they are still constrained by market forces, whether it's the need to pay rent or the allure of wider exposure. They develop personal strategies to handle this tension – some leaning more toward commerce for survival, others drawing hard lines to preserve their art, many trying to balance in between. From a theoretical perspective, this theme touches on the concept of intrinsic vs extrinsic motivation. The intrinsic motivation (the joy of creating music) can be dampened by extrinsic motivators (money, popularity metrics), a phenomenon well-documented in psychology (Deci & Ryan, 1985). Several artists mentioned how focusing too much on numbers or money can "take the fun out of music", leading to burnout or writer's block. Conversely, moments when they ignore the numbers and just create often rekindle their passion. In conclusion, independent artists in the streaming era strive to maintain their creative autonomy, but practical economic realities and platform ecosystems inevitably exert pressure on their choices. The healthiest outlook, as voiced by participants, seems to be finding a personal equilibrium – using the freedom of independence to sometimes cater to the market but also to push artistic boundaries when desired. As P8 wisely noted, “It’s about picking your battles. Sometimes I’ll feed the algorithm what it wants, other times I’ll throw it a curveball. At the end of the day, I have to be proud of what I’m making.” This balancing act is a defining feature of being an independent musician today. 6. Fan Engagement and Community Building: “My Listeners Are My Lifeline” The final theme centers on Fan Engagement and Community Building, which emerged as both a challenge and an opportunity area for independent musicians. In the absence of large-scale industry machinery, independents often rely on forging strong connections with listeners to sustain their careers.

This theme overlaps with many of the previous ones: engaged fans can provide stable income (through direct support), emotional support (countering the alienation of metrics), and artistic validation (allowing more creative freedom). However, building and maintaining a fan base requires significant effort in communication, authenticity, and often, use of social media – tasks that not all artists are naturally inclined toward or enjoy. Many participants described their relationship with fans as a crucial motivator. “My listeners are my lifeline,” said Amina (P11, Canada). She recounted how during low points of considering quitting music due to financial strain, an encouraging message or heartfelt comment from a fan would reignite her drive: “When someone tells me a song got them through a rough time, it reminds me why I do this. It’s not for the pennies from streams, it’s for that human impact.” This highlights that beyond economics, there’s a social and emotional economy at play: the reward of community appreciation can compensate for monetary shortfalls, up to a point. In terms of behavioral economics, one might say these artists derive utility not just from income but from the social capital and sense of purpose that engaged fans provide. Artists are therefore investing in cultivating these communities. Social media is the primary tool, along with email lists, Discord servers, or other platforms where they can interact with listeners. P11 hosts a weekly Instagram Live Q&A where she chats with fans and previews new songs. P5 (Nigeria) manages a WhatsApp group of his local fans for direct updates. Others use platforms like Twitch or YouTube live streams to perform and talk with fans worldwide. This direct access is something artists a generation ago didn’t have, and participants recognize its value: it can foster loyalty and a personal bond that makes fans more likely to support the artist financially (buying merch, subscribing to a Patreon, attending shows). Research by Haynes & Marshall (2018a) similarly concludes that social media has become an essential tool for independent musicians, albeit with both benefits and drawbacks. Our interviewees echoed that – describing social media engagement as “essential but exhausting.” The advantages of fan engagement are clear: stronger communities mean more word-of-mouth promotion, higher likelihood of financial support, and a buffer against the indifference of the broader market. For example, when P2 (Sweden) had a release that didn’t get picked up by Spotify’s algorithm, her core fan community still rallied around it, sharing it and purchasing it on Bandcamp, softening the blow. “I realized I don’t need everyone, I just need a thousand true fans,” she said, alluding to Kevin Kelly’s famous concept. Those true fans can act as a safety net. This was evidenced during the COVID-19 pandemic, where many independent artists asked their fans for help and saw a remarkable outpouring (Bandcamp Fridays and special fundraisers often resulted in spikes in revenue for artists, sometimes described as fans “saving” their favorite bands during lockdown). Some of our participants experienced this directly. P4 (UK) mentioned that in 2020, his fans knew he lost tour income and about a hundred of them organized on Reddit to buy his entire discography on Bandcamp in solidarity, providing him a few thousand pounds. Such examples underscore the power of community. On the flip side, challenges in fan engagement include the time/energy cost and the emotional labor involved. As noted earlier, constantly engaging can lead to burnout or feeling like an "influencer" rather than a musician. P14 (UK) expressed that while she loves interacting with fans, the pressure to always be approachable and positive online can be draining: "Even if I'm having a bad day, I feel like I need to smile for the fans on Instagram, because that's part of my brand or whatever. It can be tiring." There is also the issue of scale – as artists' followings grow, they may struggle to maintain the same intimacy. A few participants with follower counts in the tens of thousands noted they can't reply to every comment or message anymore, and worried about appearing distant. This transitional challenge – moving from a small tight-knit fan circle to a larger audience – is a good problem to have financially, but can introduce guilt or anxiety for artists who built their identity on closeness with fans. They fear "selling out" or neglecting early supporters, tying back into the authenticity aspect of creative autonomy. Interestingly, technology is offering new ways to manage fan engagement more sustainably. Some artists use email newsletters (which feel less ephemeral than social media posts) to communicate thoughtfully with fans on a schedule they control. Others are exploring community platforms like Discord or private Facebook groups, where fans can also engage with each other, reducing the burden on the artist to be the sole source of interaction. P8 (USA) started a Discord server for her fans and found that they began to form friendships and discuss among themselves: "Now they entertain each other – sharing music, giving each other life updates – and I just drop in when I can. It's nice because the community has a life of its own." This approach aligns with the idea of a self-sustaining fan community, which can reinforce loyalty (fans feel part of something bigger than just a one-to-one relationship with the artist) and reduce the direct demands on the artist's time. However, not all artists have critical mass or interest to facilitate this. Fan engagement also ties into monetization strategies: artists often funnel their most engaged fans towards those alternative platforms like Patreon or Bandcamp. It's almost a tiered system – casual listeners might just stream on Spotify (generating micro-income), while engaged fans follow on social media and occasionally buy merch, and "superfans" join Patreon or fan clubs for a monthly fee. Several participants described this kind of funnel. P13 (Brazil) uses her social media to drive Bandcamp sales on release days, and invites the most interactive fans to her Patreon. She noticed a pattern: a small percentage of followers are responsible for a large percentage of direct support. This mirrors economic principles of the Pareto distribution (80/20 rule) applied to fan behavior. Understanding this, she focuses on nurturing those high-engagement fans rather than trying to please everyone. This targeted approach is something independents can do well because they have personal insight into their fan base, in contrast to major acts who operate at a more abstract market level. From a media studies viewpoint, Fan Engagement can be seen as a form of reclaiming some power in the artist-audience relationship, partially bypassing the platform intermediaries. It aligns with what some scholars call "disintermediation" – the internet's potential to connect creators and audiences directly (Haynes & Marshall, 2018a note that social media enables reaching global audiences without traditional intermediariesOur findings suggest that while streaming platforms intermediate music consumption, artists are simultaneously using other channels to build more direct relationships. This multi-channel engagement is now a hallmark of being an independent artist. It's an opportunity space where artists can differentiate themselves through personality and authenticity, something a faceless algorithm playlist cannot replicate. In turn, fans seem to appreciate the personal touch, often preferring to support artists they feel they "know" and like as people, not just as music providers. In conclusion, Fan Engagement and Community Building emerges as a critical pillar supporting independent musicians amidst the economic turbulence of streaming. It is both a coping mechanism (providing moral and some financial support) and a proactive strategy (nurturing a base for long-term sustainability).

Spanish Journal of Innovation and INTEGRITY
ISSN: 2792-8268
Volume: 42, May-2025
http://sjii.indexedresearch.org

As P11 eloquently put it, “In an industry that feels stacked against us, my community is one thing that’s within my control to grow. I can focus on serving them, and in return they’ve kept me going.” This mutual relationship between artist and fans represents a hopeful counter-narrative to the impersonal, inequitable aspects of the streaming economy. It suggests that even as technology changes, the core value of music – forging human connections – remains a constant that artists and listeners can build upon. Figure 2. Thematic map of core themes regarding independent musicians and streaming economics. The central node represents independent musicians operating in the streaming era, surrounded by six core thematic areas identified in this study. Financial Instability reflects the precarious and unpredictable nature of income from streaming, forming the backdrop of economic pressure. Platform Dependence indicates the reliance on major streaming services and their algorithms, linking to concerns about power imbalance and low payouts. Peer Comparisons captures the psychological and behavioral effects of visible metrics and competition with other artists, which can feed into strategy and self-perception. Alternative Strategies encompasses the various monetization methods (live shows, merch, direct sales, crowdfunding) artists employ to supplement streaming income, representing proactive responses to financial challenges. Creative Autonomy vs Commercial Pressures highlights the tension between maintaining artistic freedom and adapting to market/platform demands for better economic outcomes. Fan Engagement and Community emphasizes the role of building a loyal listener base and direct fan support as both a buffer and opportunity amid the streaming landscape. The dashed lines illustrate that these themes are interconnected; for instance, strong fan engagement can alleviate financial instability and give more leeway for creative autonomy, while platform dependence and peer comparisons can exacerbate financial instability and commercial pressure. Collectively, the thematic map shows the ecosystem of challenges (“Financial Instability,” “Platform Dependence,” “Peer Comparisons”) and opportunities or coping mechanisms (“Alternative Strategies,” “Fan Engagement,” with “Creative Autonomy” being negotiated in between) that define the economics of streaming for independent musicians.

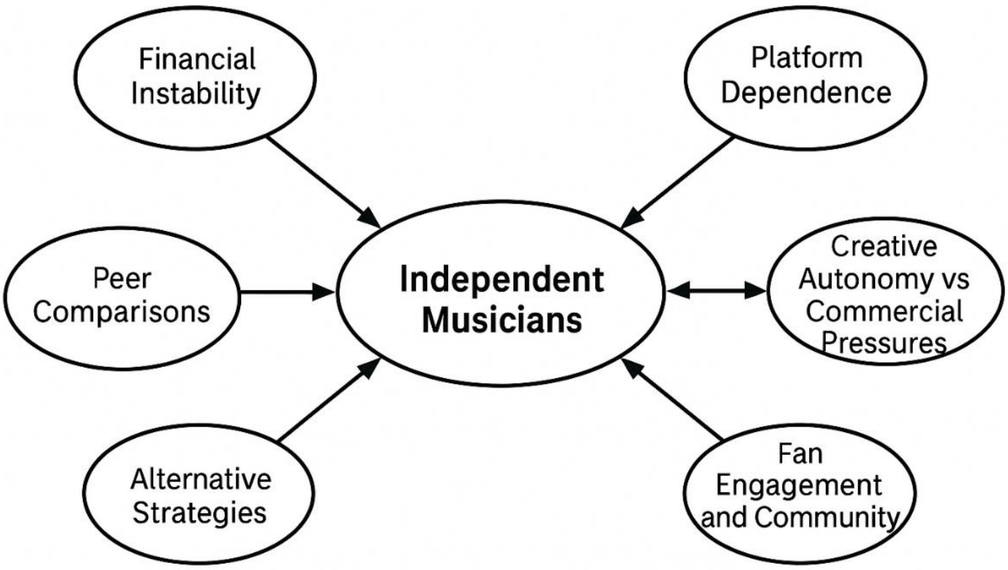

Figure 2. Thematic map of core themes regarding independent musicians and streaming economics

In Figure 2, we visualize how these themes interrelate around the independent musician. The diagram underscores that an artist's experience is not siloed into separate issues; rather, it is a confluence of financial, technological, social, and creative factors. For example, financial instability (a constant pressure) is directly affected by platform policies (payout rates, algorithms) and can be somewhat mitigated by alternative income strategies and supportive fans. Peer comparisons, driven by the open metrics of those same platforms, can influence creative decisions and even push artists toward seeking alternative strategies (after seeing peers succeed with them) or toward engaging fans more deeply to validate their path. Meanwhile, maintaining creative autonomy is a central concern that is squeezed by both platform demands and financial needs, but strengthened by direct fan encouragement and the flexibility afforded by diversified income. This thematic map thus provides a holistic summary of the study's findings, illustrating the financial challenges and opportunities inherent in the streaming era for independent musicians.

CONCLUSION

This study set out to examine "The Economics of Streaming" from the perspective of independent musicians, using qualitative insights to complement and humanize the broader economic debates. Through in-depth interviews with 15 independent artists across the globe, we identified a complex web of challenges and adaptive strategies that characterize their financial lives in the streaming era. The findings reveal a picture that is at once sobering and hopeful: sobering in the persistent reality of income instability and power imbalances, yet hopeful in the creativity and resilience with which artists are carving out opportunities and support systems.

Key conclusions can be summarized in several points:

Streaming Alone Is Insufficient for Sustainability: For the independent musicians in this study, streaming platforms have not provided a reliable living wage. The consensus is that streaming income is meager and volatile – effectively functioning more as a promotional tool than a substantial revenue source. This aligns with prior analyses that highlight the inequitable distribution of streaming revenue (with mid-tier and emerging artists at a disadvantage). While streaming has increased access and perhaps even the number of artists earning something, it has not eliminated the "striking inequalities" of the music economy.

Behavioral Responses to Financial Risk: Independent artists exhibit behavioral adaptations (some conscious, some implicit) to cope with their precarious earnings. They practice forms of mental accounting (treating streaming income as supplementary), they diversify income streams to hedge against risk, and they often make career decisions influenced by biases and social factors (like peer success). The application of behavioral economics concepts – loss aversion, social proof, risk diversification – is evident in their strategies. For instance, the tendency to compare metrics and emulate peers shows how cognitive biases play out in creative industries. This indicates that policy or industry interventions must consider not just raw economics, but also the psychology of artists under uncertainty.

Platform Power and Calls for Fairness: The study confirms that independent musicians feel beholden to streaming platforms, echoing the concerns of scholars and advocates about the power asymmetry between content creators and tech intermediaries (McChesney, 2013; Prey, 2020). Artists voiced a desire for more transparent and fair compensation models – for example, interest in user-centric royalty distribution, which they perceive could align payouts more equitably with actual listeners' behavior. There is a clear call for greater transparency in how algorithms promote music and how royalties are calculated, supporting Hesmondhalgh's (2021) argument that better debate (and policy) requires openness from streaming services. Some artists also suggested collective action (though none in our sample were actively unionized, a couple mentioned the idea of artists banding together for better terms). This implies that industry reforms – whether adopting new payment systems like those explored by Jensen (2024) or implementing minimum royalty guarantees – could significantly impact independents' livelihoods.

Entrepreneurial and Grassroots Opportunities: On the opportunity side, independents are leveraging tools that were unavailable in earlier eras. They are selling music and merch directly via marketplaces like Bandcamp, harnessing crowdfunding and patronage, and using social media to engage fans globally at low cost. These avenues provide them a degree of agency to counteract the drawbacks of streaming. As one example, Bandcamp's model allows artists to retain a much larger share per transaction, and while it doesn't solve the volume problem, it empowers those with dedicated followings to earn more fairly. Similarly, building a Patreon community can create a stable microeconomy around an artist. These developments align with trends in the cultural industries toward micro-entrepreneurship and direct fan-artist connectivity. They also underline Jo Haynes and Lee Marshall's (2018a) observation that social media (and by extension other internet platforms) is an "essential tool in the arsenal of an independent musician" – providing both advantages and caveats. Our findings certainly show both: it's essential, yet not a silver bullet.

Importance of Community and Niche Audiences: A heartening insight is that community building is both an economic and emotional cornerstone for independent artists. By nurturing a relatively small base of true fans worldwide, artists can assemble a patchwork of support that, while not making them rich, can keep their careers viable and rewarding. This supports the "1,000 true fans" theory in practice. Moreover, these communities often sustain the artist's morale, reinforcing the intrinsic rewards of creating music. In an era where metrics can be dehumanizing, the direct connection with listeners re-humanizes the experience. This points to a potential strategy for artists: doubling down on cultivation of niche audiences who deeply value their work, rather than chasing mass popularity. It also suggests an area where platforms or services might help – for example, by offering better CRM (customer relationship management) tools tailored for artists to manage fan relationships (beyond just broadcasting to followers).

Mixed Impact on Creative Practice: Finally, the study highlights a nuanced impact on creativity. The streaming economy imposes certain commercial pressures that can influence artistic choices (shorter songs, more frequent releases), yet independence grants freedom to defy those pressures when desired. Many artists find themselves in a balancing act, and their ability to maintain artistic integrity is often bolstered by the alternative supports they cultivate (fans who don't mind if a song is 7 minutes, etc.). This underscores that economic structures inevitably shape cultural production – a core idea in the field of cultural economics and media studies. It reinforces the argument that we must be attentive to how financial incentives of platforms might be subtly reshaping art itself (e.g., the much-debated idea that Spotify is changing the form of pop songs). Independent artists seem aware of this and are consciously negotiating it, striving to use the system without being used by it.

Recommendations

Based on these conclusions, several recommendations can be offered for different stakeholders:

For Streaming Platforms and Industry Bodies: Consider experimenting with alternative royalty models (such as user-centric payments) to see if they can improve revenue distribution to independent and mid-tail artists. Increase transparency by sharing more data with artists (e.g., detailed analytics on how their music is recommended and where revenue comes from). Facilitating optional fan contribution features on streaming services (such as a tip jar or direct merch integration) could help convert streaming attention into more revenue for artists.

For Independent Musicians: Continue to diversify income streams and invest in building a direct fanbase. Engaging with fans through newsletters, live chats, and personal updates can deepen loyalty – an area where independents can outperform more bureaucratic major label acts. It may also be beneficial to join or form collectives or unions of independent artists to share resources, knowledge, and collectively push for better platform terms (for instance, initiatives like the Union of Musicians and Allied Workers, which some participants referenced indirectly, can amplify artist voices). Additionally, independents should practice self-care in handling metrics – understanding when to leverage data and when to step back for mental well-being.

For Policymakers and Cultural Institutions: The findings highlight that current market conditions make it hard for non-superstar musicians to sustain themselves. Policymakers might explore mechanisms like minimum royalty standards, or support systems such as grants, subsidies, or a basic income for artists, acknowledging the public cultural value they provide. Educational programs in music business could incorporate behavioral economics insights to prepare artists for the psychological challenges of the digital attention economy. Cultural institutions and media could help by promoting diverse independent music (e.g., public radio or curated playlists that give exposure outside algorithmic paradigms), thus somewhat leveling the playing field.

For Researchers: This study was qualitative and exploratory. Future research could build on it by quantifying some of these dynamics (e.g., surveying a larger sample of musicians to measure prevalence of different income sources or mental health impacts of streaming metrics). Longitudinal studies could examine how an independent artist's financial picture evolves over time in relation to streaming trends. There is also room for comparative research: how do the experiences differ in various regions or genres? For instance, do classical or jazz independent artists fare differently than pop/rock ones in the streaming economy? Another fruitful area is to study successful case studies of artists who have managed to thrive financially without major label backing – what combinations of strategies did they use, and can those be replicated?

Limitations: It should be noted that this study's sample, while diverse globally, is relatively small (15 participants) and not statistically representative of all independent musicians. The qualitative approach aimed for depth over breadth, and the findings are rich in insight but should be generalized with caution. Different personalities and genres might experience the economics of streaming differently. Additionally, the study took place in 2025, and industry conditions (such as streaming rates or platform policies) are continually evolving. Thus, these findings are a snapshot in time. Despite these limitations, the consistency of themes across participants suggests that many of these issues are broadly shared among independents.

In closing, the financial challenges and opportunities for independent musicians in the streaming era are two sides of the same coin. Streaming has unlocked global access and new avenues of promotion, but it has not resolved the fundamental issue of how musicians get paid for their work in a fair and sustainable way. Independent artists stand at the forefront of this new music economy – they are the "canaries in the coal mine," feeling the effects of every change intimately. Their experiences, as detailed in this study, point to an urgent need for rethinking the economics of streaming. Whether through industry innovation, collective action, or policy intervention, the goal should be to create an ecosystem where creativity is rewarded, not undermined, by the market. The voices of independent musicians remind us that behind every stream count is a human livelihood, and behind every song is someone's heart and soul. Ensuring that those hearts and souls can continue to create music is in the interest of not only artists and fans, but the cultural richness of society as a whole.

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